

CLAIMS

1. A protocol for the automatic and simultaneous distribution of electronic documents of different formats on the Internet between different users of terminals that are connected by means of different access networks in the course of a common session consisting of common access to a server dedicated to the said session, wherein the protocol consists in:
 - a) initializing the said session on the initiative of one of the terminal users who is the organizer of the said session, the step consisting in initialization comprising at least, following a connection of the terminal of the said organizer user to the said dedicated server, the drawing-up of a list of surnames, first names, and electronic addresses of other users who are invited to the said session and the selection of the electronic documents to be distributed in the course of the said session,
 - b) transmitting, from the said organizer user terminal, to the said dedicated server, the set of electronic documents to be distributed in their different original formats, accompanied by the list of the other invited users and, at the level of the said dedicated server,
 - c) converting each of the electronic documents to be distributed into a plurality of successive current pages in a unique HTML format and putting the said successive pages on line on the Internet site of the said dedicated server,
 - d) transmitting, by means of the said dedicated server, at least to each of the said invited user terminals, a message of invitation to participate in the said session, the said

invitation message comprising at least the address of the site of the said dedicated server and the date and the time of the said session and, following the connection of at least one of the said organizer and/or invited user terminals to the said dedicated server during the said session,

e) conditionally authorizing access of each of the said user terminals to the plurality of successive current pages on line.

2. A protocol according to Claim 1, wherein the said step consisting in initialization further comprises the communication to the said dedicated server of general information concerning the session.

3. A protocol according to Claim 1, wherein the said step consisting in initialization further comprises the attribution by the organizer user of specific rights of action to each of the said invited user terminals, the said specific rights of action comprising at least the right of consultation only or the right of consultation and addition of electronic documents distributed in the course of the said session.

4. A protocol according to Claim 1, wherein the step consisting in authorizing access to the said at least one of the invited user terminals comprises a conditional step of authentication of the said at least one of the invited user terminals with respect to the said dedicated server.

5. A protocol according to Claim 1, wherein access of the said invited user terminals to the plurality of successive current pages on line is synchronized access, each

authorized invited user whose access has been accepted automatically and simultaneously displaying the same HTML page of the said plurality of successive current pages in the unique HTML format on line.

6. A protocol according to Claim 5, wherein the said automatic and simultaneous display of the same HTML page of the said plurality of successive current pages in the unique HTML format on line is controlled on the initiative of each of the organizer and/or invited user terminals, each participant in the said session being enabled to control and/or change the HTML page posted on each user terminal participating in the said session.

7. A protocol according to Claim 1, wherein the access of each of the organizer and invited user terminals to the said dedicated server is executed by each of the said terminals by means of a periodic interrogation of the said dedicated server.

8. A system for the automatic and simultaneous distribution of electronic documents of different formats on the Internet between different users of terminals that are connected by means of different access networks in the course of a common session consisting of common access to a dedicated server, wherein it comprises at least one dedicated server constituting a service platform, the said service platform comprising at least:

- a session organizer module which, upon a call on the initiative of one of the terminal users which is the organizer of the said session, enables the said session to be initialized, the step consisting in initialization comprising at least, following a connection of the terminal

of the said organizer user to the said dedicated server, the drawing-up of a list of the surnames, first names, and electronic addresses of the other users who are invited to the said session and the selection of the electronic documents to be distributed in the course of the said session,

- a module for receiving the said electronic documents to be distributed and converting them into a plurality of successive current pages in the unique HTML format,
- a module for putting the said plurality of successive current pages in the unique HTML format on line at the level of the site of the said dedicated server,
- a module for transmitting messages of invitation to participate in the said session to each of the said organizer and invited user terminals, each invitation message comprising at least the address of the site of the said dedicated server and the date and the time of the said session, and
- a module for controlling access to the site of the said dedicated server by each of the user terminals, the said access control module comprising a module for authenticating every organizer user terminal with respect to the service platform and every organizer and invited user terminal with respect to the said session organized by the said organizer user terminal, respectively.

9. A system according to Claim 8, wherein each message of invitation to participate in the said session to each of the said organizer and invited user terminals comprises, in addition to the address of the site of the said dedicated

server, a password dedicated to the said session and to each of the organizer and invited user terminals.

10. A method for the simultaneous posting of a current HTML page from a set of HTML pages on line on a dedicated server on each of the terminals of different users that are organized into a set of users participating in the same session, wherein the method consists in:

- transmitting, on the initiative of one of the user terminals, that is the requesting user terminal, to the said dedicated server, a request for the posting of the said current HTML page,
- transmitting the said current HTML page from the said dedicated server to the said requesting user terminal,
- posting the said current HTML page at the level of the said requesting user terminal,
- transmitting from the said requesting user terminal to the said dedicated server, a message for the simultaneous propagation of the posting of the said current HTML page with respect to the other user terminals participating in the said session,
- transmitting, from each of the said terminals participating in the said session to the said dedicated server a periodic scanning message comprising a request for confirmation of continued posting of the said current HTML page on each of the said terminals participating in the said session,

- transmitting, from the said dedicated server to each of the terminals of the said users participating in the said session a response message for the continued posting of the said page of an HTML page, this response message of continued posting comprising a reference of the HTML page to be posted, which is identical to or different from the reference of the said current HTML page and, upon receipt of a response message of continued posting comprising a reference of the HTML page to be posted which is identical to or different from the reference of the said current HTML page,
- maintaining the posting of the said current HTML page on each of the user terminals participating in the said session and, on receipt of a response message for continued posting comprising a reference of the HTML page to be posted different from the reference of the said current HTML page and relating to another HTML page,
- transmitting from each of the user terminals participating in the session to the said dedicated server, a message requesting access to the said other HTML page, and
- transmitting from the said dedicated server to each of the said user terminals participating in the session, the said other HTML page,
- posting, on each of the user terminals, the said other HTML page, which is subsequently taken as the current HTML page.

11. A method according to Claim 10, wherein, a reference number comprising a unique serial number is attributed to each HTML page of the said set of HTML pages on line, the

reference number corresponding unambiguously to the address of the said HTML page on the site of the said dedicated server, enabling access by each of the said user terminals to be controlled according to rights of consultation only and of consultation and addition of electronic documents distributed by one of the user terminals, a reference comprising a successive serial number being allocated to each HTML page resulting from the addition of additional electronic documents.

12. A method according to any one of Claims 10 and 11, wherein the said periodic scanning messages are emitted by each user terminal participating in the said session within a range of periods of between 3 seconds and 2 minutes.